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Abstract

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Process for measuring apoptosis quickly and easily. Mammalian cells are co-transfected with a plasmid which codes for a fluorescent protein, and with a plasmid carrying a gene of interest. After incubation and gentle fixing, apoptosis is measured by determining the DNA content of the cells using DNA-binding stain and determining the proportion of transfected cells by throughflow cytometry. The process can be used to identify substances which modulate the pro- or anti-apoptotic activity of genes or gene products.

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